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TI - Core sheath type solid composite short fibre having fragrance -
comprises olefin polymer compsn. contg. an essential oil as core
part and polyester as sheath part

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AB - JP3076815 A

Fibre comprises a core sheath type composite short fibre
comprising of olefinic polymer compsn. contg. 0.1-5 wt.% an
essential oil as core part and polyester as sheath part. (A) an
olefine polymer consisting of substantially alpha-olefine and
having no polar gp. is of 98-50 wt.%. (B) an modified olefine
polymer copolymerised 3-30 wt.% of at least one of unsatd.
carboxylic acid, unsatd. alcohol and ester, acid anhydride or
amide is of 2-50 wt.%.

Pref. the essential oil is that of a Japanese cypress,
peppermint, eucalyptus, camphor etc. The polymer consists of core
part consisting of 89-50 wt.%, pref. 98-70 wt.% of (A) and 2-50
wt.%, pref. 2-30 wt.% of (B). Polymerising monomer contg. in (B)
is, e.g., acrylic acid methacrylic acid, maleic acid, fumaric
acid and lower alkyl ester or amide thereof, maleic anhydride,
vinyl acetate etc.

USE/ADVANTAGE - The core sheath type solid composite short
fibre having fragrance is useful for wadding of a Futon, pillow,
cushion, stuffed toy animal, or nonwoven fabric, clothings,
bedding, interior, upholstery, household articles and the
like. Fibre can be imparted with perfume effect such as a forest
bath effect in a long period stably. (Dwg. 0/0)